AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A ~~Gas-insulated~~ gas-insulated switchgear comprising:

a grounding metal housing, filled with insulating gas, ~~and in~~ and which ~~a~~ accommodates a disconnector part, a grounding switch part and a conductor connecting part ~~are accommodated~~; and

composite insulating shields integrally formed into one metal-dielectric member in which a surface of a high electric field part, located ~~in the vicinity of~~at ends of openings of the composite insulating shields, is coated with a dielectric coating; ~~in such a manner as to cover~~

wherein the dielectric coating covers electrode parts of said disconnector part, said grounding switch part and said conductor connecting part with the dielectric;

wherein, to form said composite insulating shields of at least one of the disconnector part, the grounding switch part and the conductor connecting part, a metal shield of less than 0.6 in non-uniform constant ~~before coating the shield with the dielectric~~ is coated with a dielectric coating, prior to coating the composite insulating shields, the dielectric coating having a thickness of not more than approximately 30% of an inter-electrode distance from a facing electric-field relaxation shield or a charging part.

2. (currently amended) A gas-insulated switchgear comprising:

a grounding metal housing filled with insulating gas, and ~~in~~ which accommodates a disconnector part, the disconnector part having a moving side electrode part and a stationary side electrode part ~~is accommodated~~; and

composite insulating shields integrally formed into one metal-dielectric member in which a surface of a high electric field part, located ~~in the vicinity of~~at ends of openings of the composite insulating shields, is coated with a dielectric coating in such a manner as to cover said moving side electrode part with the dielectric coating;

wherein, to form said composite insulating shield, a metal shield of less than 0.6 in non-uniform constant ~~before coating with the dielectric~~ is coated with a dielectric coating, prior to coating the composite insulating shields, the dielectric coating having a thickness of not more than approximately 30% of an inter-electrode distance from an electric-field relaxation shield of said stationary side electrode part.

3. (currently amended) A gas-insulated switchgear comprising:

a grounding metal housing ~~1~~ filled with insulating gas, and ~~in~~ which accommodates a grounding switch part, the grounding switch part having a moving side electrode part and a stationary side electrode part ~~is accommodated~~; and

composite insulating shields integrally formed into one metal-dielectric member in which a surface of a high electric field part, located ~~in the vicinity of~~at ends of openings of the composite insulating shields, is coated with a dielectric coating in such a manner as to cover said moving side electrode part with the dielectric coating;

wherein, to form said composite insulating shields, a metal shield of less than 0.6 in non-uniform constant ~~before coating with the dielectric~~ is coated with a dielectric coating, prior to coating the composite insulating shields, the dielectric coating having a thickness of not more than approximately 30% of an inter-electrode distance from an electric-field relaxation shield of said stationary side electrode part.

4. (currently amended) The gas-insulated switchgear according to claim 2-, wherein, to form the electric-field relaxation shield of said stationary side electrode part, a metal shield of less than 0.6 in non-uniform constant ~~before coating with the dielectric~~ is coated, prior to coating the composite insulating shields, with a dielectric coating having a thickness of not more than approximately 30% of an inter-electrode distance from an electric-field relaxation shield of said moving side electrode part.

5. (currently amended) The gas-insulated switchgear according to claim 3-, wherein, to form the electric-field relaxation shield of said stationary side electrode part, a metal shield of less than 0.6 in non-uniform constant ~~before coating with the dielectric~~ is coated, prior to coating the composite insulating shields, with a dielectric coating having a thickness of not more than approximately 30% of an inter-electrode distance from an electric-field relaxation shield of said moving side electrode part.

6. (currently amended) The gas-insulated switchgear according to claim 2, wherein a surface of the high electric field part, in the vicinity of the end of ~~the~~ an opening of the electric-field relaxation shield of said stationary side electrode part, is composed of a metal or is coated with a dielectric coating of not larger than 1 mm in thickness.

7. (currently amended) The gas-insulated switchgear according to claim 3, wherein a surface of the high electric field part, in the vicinity of the end of ~~the~~ an opening of the electric-field relaxation shield of said stationary side electrode part, is composed of a metal or is coated with a dielectric coating of not larger than 1 mm in thickness.

8. (original) The gas-insulated switchgear according to claims 1 , wherein said dielectric coating is made of epoxy resin integrally formed with said electric-field relaxation shield by injection molding.

9. (currently amended) The gas-insulated switchgear according to claims 1 , wherein said insulating gas is ~~a simple~~ substance of SF_6, dry air, N_2, CO_2, O_2 or C-C_4F_8, or a mixture of at least two of said gases.